

19990516.ba v02_n545.bam.990516 v02_n546.bam.990516 v02_n547.bam.990516

>From ???@??? Sun May 16 08:14:14 1999
Message-Id: <199905160637.BAA20507@sco.theporch.com>
Date: Sun, 16 May 1999 01:36:55 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2545

BOATANCHORS Digest 2545

Topics covered in this issue include:

- 1) XCU-50 QUESTION
by JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
- 2) BA's in England
by "John Gibson" <gibsonj@mindspring.com>
- 3) WTB Switch for T4XB
by George T Folse III <kb5ww@bellsouth.net>
- 4) Hamfests, Ebay and Reality
by David Stinson <arc5@ix.netcom.com>
- 5) hamfests, AWA fests OK auctions..NADA
by thompson@mindspring.com
- 6) mystery GDO coils
by mnhopkins@juno.com
- 7) Larry/All: My "Hamfest" Posting
by David Stinson <arc5@ix.netcom.com>
- 8) RE: Hamfests, Ebay and Reality
by "Roger A. McCarty" <rmccarty@earthlink.net>
- 9) RE: LSB MOD - RECEIVING?
by "David Newkirk" <dpnewkirk@home.com>
- 10) 1L6, 50A1, RCA CX345 Tubes Wanted
by David Stinson <arc5@ix.netcom.com>
- 11) Re: Dallas BA sightings
by "Larry Bearse" <lbearse@mail1.nai.net>
- 12) FS: Galaxy 300 xcvr
by Al Parker <anchor@coastalnet.com>
- 13) FS:ARRL Mobile Manual
by "Richard W. Solomon" <w1ks@tiac.net>
- 14) GDO coils were for M-59
by mnhopkins@juno.com
- 15) Regen IF/BFO redux
by mnhopkins@juno.com
- 16) Greed Fests
by "Arden Allen" <gumbear@pacbell.net>
- 17) Re: Dallas BA sightings
by "A.B. Bonds" <ab@vuse.vanderbilt.edu>
- 18) Dayton, "5 Meter Radiotelephony"

by "Roberta J. Barmore" <rbarmore@indy.net>
19) Why hamfests are "dying"
by "Sandy Blaize" <ebjr@worldnet.att.net>

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit
Date: Sat, 15 May 1999 12:42:03 -0400 (EDT)
Subject: XCU-50 QUESTION
To: Old Tube Radios <boatanchors@theporch.com>
From: JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
Message-ID: <9905151242.aa15916@pcusa01.ecunet.org>

To: boatanchors@theporch.com

The National XCU/27 also puts out 100 kHz & 1 MHz sigs. It has an octal base, don't know if wiring is diff from XCU-50.

-John Sehring (Sat, May 15, 1999 Custer SD USA) UCC WB0EQ
(temporarily at Midwestern Regional Medical Center, Zion IL)

Message-Id: <199905151813.0AA09323@smtp5.mindspring.com>
Date: Sat, 15 May 1999 11:16:24 +0100
Subject: BA's in England
From: "John Gibson" <gibsonj@mindspring.com>
To: Old Tube Radios <boatanchors@theporch.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Just got back from a vacation in England. Visited the big National Vintage Communications Fair in Birmingham which had 300 tables and not one was computer junk. What a feast for the eyes. Not many US made receivers but a whole new world of British radios. Did not find the specific radios I wanted and was just beat out getting a R1155/T1154 combination. Saw several Racal RA17L's but after hefting the weight, decided to take a body building course before lugging one back on the plane.

Did get a Marconi ship radio room key, solid metal bar and ball-bearings etc. Reminded me of my miss-spent youth as a sea going radio officer with the Marconi company. I used to sit on watch with the Mercury and Electra receivers on the bench top with the key screwed down to the right by the Oceanspan transmitter. On the other side was the spark set emergency transmitter.

Wish I had them now. If anyone is thinking of parting with their Electra, let me be the first to know! Thanks.

John Gibson.

Message-ID: <373DB9FC.DAD@bellsouth.net>
Date: Sat, 15 May 1999 13:16:28 -0500
From: George T Folse III <kb5ww@bellsouth.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: boatanchors@theporch.com
Subject: WTB Switch for T4XB
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

All,

I am looking for the off and on switch for the Drake T4XB transmitter.
Thanks,
George

Message-ID: <373DBF76.2C513E61@ix.netcom.com>
Date: Sat, 15 May 1999 13:39:50 -0500
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Hamfests, Ebay and Reality
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'm about to make some of you mad. So be it.

Hamfest are primarily social events now-
That's the problem.
Friends meet, drink beers, swap brags
and that's wonderful; I enjoy it too.
But they don't buy very much from each other.

Let's face reality-- Nothing in life is free.
Not groceries, not gas, not time and not trips to hamfests.
When hams stopped supporting each other by buying from the sellers,
one of the major incentives to go to hamfests died.

I used to load-up with stuff and go to the fests.
I'd pay for a trailer, a space and a table.
I put prices on stuff half or less
of what I *knew* I could get on Ebay.
Why? Partly to be a "good neighbor."
I can get at least \$150 for an ART-13 on Ebay.
But when I got it for \$50,
why not sell it to a fellow ham for, say, \$75?

He gets a good deal,
I get to pay my bills and everyone is happy.

But that's not how it turns out.
Typically, a few dozen people will come by and say things like:
"I used to have one of these! We bought dozens for \$19.95...."
"welllll.... I could give you \$45 if you throw in some spare tubes..."
"Is it Collins? I'll give ya \$60 if it's Collins..."
"You got it priced like it's NOS. There's a scratch here on top!"
And other comments that really mean:

"My kids spent all my money. I'm just looking." (the good guys)
Or:

"I think you're a fool and
you should just give me that, you dummy!" (the bad guys)

A few hours of this certainly ruins my altruistic mood....

My first concern is to take care of my family's bills,
not someone else's, OK? So please someone tell me why
I should put up with this abuse when I can go to Ebay,
serve HUNDREDS of people who actually, really WANT my items,
and receive a reasonable price without
some cheapskate playing me for a fool?
I've done a huge amount of business on Ebay.
I can count the bad deals on one hand, with fingers left over.
And I've added things to my collection I haven't found
in twenty seven years of hamfests.

The world has turned, folks.
The net has changed everything.
We are not excepted.
Hamfests cannot survive without
the monetary incentive of the flea market,
and the fleas are passing into history.
I mourn them, too.
But bill collectors care nothing for our mourning.
Social gatherings for hams will continue,
but they will not be as they were.

Changes come.
History has shown again and again that
you have two choices:

Adapt to the future
or
Protest and be discarded.

The Past is dear to us boatanchor people.
The challenge is to help it live with the future,
rather than die behind it.

It's up to you.

73 DE Dave Stinson AB5S
arc5@ix.netcom.com

From: thompson@mindspring.com
Message-ID: <001b01be9f08\$58d8a3a0\$702456d1@default>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: hamfests, AWA fests OK auctions..NADA
Date: Sat, 15 May 1999 15:22:59 -0400

I agree with Larry ware. Lets keep any mention of the auctions off
boatanchors. I tried to stop this on the newsgroups but to no avail.
Eugene provides the off load vehicle for us to list our sales items...I
think we have the best S/N ratio going and I am on several other reflectors.

Lets talk about our R-390's, Cleggs, old 6 meter gear, parts needs,
alignment , tips, rare radios, history and the like.

73 dave K4JRB

To: Old Tube Radios <boatanchors@theporch.com>
Date: Sat, 15 May 1999 14:20:29 -0500
Subject: mystery GDO coils
Message-ID: <19990515.142037.-152369.0.MNHopkins@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
From: mnhopkins@juno.com

>From someone's dollar box Saturday morning:

Five Grid Dip Oscillator coils in a Limed Oak base 5 1/4 X1 3/4 X 1 1/8
inches

The base has a knob like a drawer and two brass colored straps suggesting
it slid over something.

The coils read about 5/8 inch across the two banana plugs and and
almost 3/4 inch OD. They are marked:

5-10, 10-22, 22-45, and 45-100 mc with the last being a UHV loop marked

"10791"

I don't need these and did not need them when I bought them, but assumed someone on BA or GB will need at least the UHF number. If not, I can use them for something else. This is a pro bono publico which should give another phrase to look up for the fools who will call it a SPAM.

de ab5L, michael in dallas, MNHopkins@JUNO.com
Student of Tecraft, ICM and Six Meters' Golden age: 1957-58
Banned for life from QRP-L mailer for various truths.

Message-ID: <373DCB3D.F9EFD851@ix.netcom.com>
Date: Sat, 15 May 1999 14:30:05 -0500
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Larry/All: My "Hamfest" Posting
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Didn't see your post before I wrote mine, Larry.
If I had, I would still have written it but would probably have posted it on one of the less rigid reflectors.

Moreover, my post is less about ebay then about the circumstances that are leading to the death of hamfests in general.

This subject is quite appropriate for BA, since you can't restore or study them if you can't find and buy boatanchors or parts. Pretending Ebay doesn't exist does not help us with this problem.

I think my points are valid and I stand by them.

73 Dave AB5S

From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Hamfests, Ebay and Reality
Date: Sat, 15 May 1999 19:57:11 -0000
Message-ID: <000a01be9f0d\$1ec87f00\$0100000a@accurate-main>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Right-on, Dave but, surprising to here these sentiments from you! I have read many of your posts over the years and I must admit, I would not have expected this kind of real world assessment. Not that you are less than that, but sometimes those most invested into Boats believe fair pricing to be sacrilege.

I recently sold a Viking II on that "other place" for \$501.00. You should have seen the hate mail I received! And the threads it started on Rec.Radio.Boatanchors! Never mind the unit looked and operated as new. Never mind that every tube was new. Never mind that the face plate and lettering was out of the box new. Never mind it took over a year of weekends to get it that way. I would challenge anyone to take a "Free" Viking II, put the time and money I did into it, and come out at less than \$500.00 in parts alone. Can't be done. Yet someone would offer \$200 for the rig and ACT OFFENDED when I turned him down. On Ebay I got what I thought the rig was worth.

If you follow Ebay pricing on a regular basis, you will discover the system has an uncanny way of determining REAL VALUE in what is sold.

And, I purchase what I sell, or, I practice what I preach. I recently paid \$325.00 for a mint Drake 2B receiver and 2BQ. Now most would tell you that is roughly double what they are worth. I don't know, as I sit back and look at this virtually new piece of equipment, I'm not feeling "taken" at all.

Today, I got beaten out on a bid for a Ten-Tec Digital Display Adapter for the Century 21. It sold for \$137.50 (Thereabouts). I stopped at \$125.00. Too much in MY opinion but apparently not too much for the buyer. He wanted it worse than I did. More power to him and the seller.

Anyway, I appreciate what I consider to be a very realistic analysis of the E-Bay situation, and I applaud your courage to step forward to say so.

73

Roger

-----Original Message-----

From: owner-boatanchors@theporch.com

[mailto:owner-boatanchors@theporch.com]On Behalf Of David

Stinson

I'm about to make some of you mad. So be it.

The Past is dear to us boatanchor people.
The challenge is to help it live with the future,
rather than die behind it.

From: "David Newkirk" <dpnewkirk@home.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: LSB MOD - RECEIVING?
Date: Sat, 15 May 1999 16:48:21 -0400
Message-ID: <000001be9f14\$4537ce00\$11670518@cc328679-a.vron1.nj.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

John Sehring wrote:

> Propagation, especially thru the ionosphere, does things that treats the
> sidebands of a signal differently, shifting them randomly in amplitude &
> phase relative to each other. When heard separately by our two ears, this
> mimics a stereo effect.

The effect is stereophonic in the sense that the ears don't receive identical audio. The signal audio isn't "stereofied" in the modern sense of particular sound sources being positioned in the stereo field by means of amplitude and phasing (and often given the additional illusion of distance or depth through the further addition of stereophonic reverb, often after a subtle delay).

Rather than saying that the *sidebands* are shifted randomly in amplitude and phase relative to each other as pieces, I'd say that the enhancement/cancellation effects sweep through the sidebands more in the manner of moving comb filters, resulting in *the various frequency components* in the sidebands being shifted randomly in amplitude and phase relative to each other.

This is why selectable-sideband reception isn't necessary if we want to do away with the worst selective-fading effect, which is the severe distortion that occurs during envelope detection (that is, detection that depends on the carrier itself to heterodyne the sidebands back to audio; rectifying the signal with a diode is one means of achieving this). Carrier-trough distortion is usually made worse by the volume swell (and attendant possible AF chain overload) that occurs when the receiver AGC, which in our BAs is

generally designed to act (usually rapidly) in response to the carrier level, increases the receiver gain when the carrier drops.

Supply the carrier locally, and this worst effect of selective fading goes away. Do this and do away with one sideband, and you're left only with comb-filterlike level/phase variations of the various frequency components of the sideband used. Summing both sidebands after they've been heterodyned to audio with a locally resupplied carrier doesn't do away with spot-frequency enhancement and cancellation as a result of the comb-filter effects, but such distortion is relatively subtle compared to the carrier-trough blasts.

So: Resupplying the carrier locally--preferably, phase-locking the BFO to the incoming AM signal's carrier does away with the worst effects of selective fading. Listening to an AM signal with the carrier resupplied locally with one sideband fed to each ear can be really interesting; phase locking the locally resupplied carrier to the incoming carrier removes the possibility of tuning error and drift, and then the results can be *wonderful*. Doing away with one or the other incoming sideband is really necessary only if we need to do away with adjacent-channel interference. But if we're tossing away one sideband, we can do away with phase-locking if we tune (and keep tuning) carefully.

More trivia: The Kahn system of AM stereo used/s independent USB and LSB for stereo. In 1993 or 1994, the VOA did a few SWL-targetted ISB-stereo shortwave broadcasts; I received them using the Japan Radio Corporation JST-135HP transceiver, which included an ISB sync AM detector. But if you're just after phase locking (and like to fiddle endlessly with stuff as you listen, as some of us like to do with our prselector and ANT TRIM controls :-D), a carefully adjusted regenerative detector can do sync AM nicely.

I know that the goal of communications engineering is to make the information channel utterly predictable and dependable but, to me, what enthralles me about radio is what makes skywave signals fade and shift as if they're arriving on the wind.

73,

Dave Newkirk, W9VES
dpnewkirk@home.com

Message-ID: <373DF84E.4269D127@ix.netcom.com>
Date: Sat, 15 May 1999 17:42:22 -0500
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: 1L6, 50A1, RCA CX345 Tubes Wanted

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I need a 1L6 and a 50A1 ballist tube for a Transoceanic.
I'm also looking for a mate for an RCA/Cunningham
CX-345 tube. It's a big, beautiful balloon envelope.
I want it for a P-P homebrew RF amp.

Before I buy them, does anyone have them who would
like to trade? I've got ohhhh... about a zillion tubes.

73 DE Dave Stinson AB5S
arc5@ix.netcom.com

Message-Id: <199905152333.TAA32506@mail1.javanet.com>
From: "Larry Bearse" <lbearse@mail1.nai.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Dallas BA sightings
Date: Sat, 15 May 1999 19:34:20 -0400
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> Hallicrafters S-38, no suffix, yes real BF0, very good, \$60 asked, no
> answer.
>

Real BF0? What do you mean by that Mike? Is there such a thing as a
virtual BF0 that I have not heard of? I recently added a few more pounds of
metal to my sinking house in the form of a S-38 (no suffix) in not working
condition, so am curious. Also don't have a schematic. I found a schematic
for a S-38 somewhere on the web, but it is not the same model. It only
shows 5 tubes, this one has 6. Maybe I should look at the drawing and see
what you might mean about the BF0. Maybe it does not have one at all?

.....Larry WA1LGQ

Message-Id: <3.0.5.32.19990515203508.0083ec30@mail1.coastalnet.com>
Date: Sat, 15 May 1999 20:35:08 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Al Parker <anchor@coastalnet.com>
Subject: FS: Galaxy 300 xcvr
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Galaxy 300, 75/40/20m SSB xcvr, some CW coverage.
With VOX unit and P.S./Speaker console. Original manual.
Clean in & out, chassis isn't shiny, but not corroded.
Some of the control decals on the xmtr panel have lifted off,
but panel is very good otherwise.
Works well, tho' 20m output is low, probably soft finals.
I have made non-local contacts on 40 & 20 with good reports.
(don't hv antenna for 75) 1

\$150 plus shipping - 2 large pieces, heavy.
can deliver to the DurHamfest (NC) on Sat., 5/29

73,

Al, W8UT
New Bern, NC
Boat Anchors appreciated here
anchor@coastalnet.com

Message-ID: <01BE9F14.0C811120.w1kszt@tiac.net>
From: "Richard W. Solomon" <w1kszt@tiac.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS:ARRL Mobile Manual
Date: Sat, 15 May 1999 20:46:40 -0400
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I have a 1962 edition, \$5 shipped CONUS.
Looking for a 1959 or 1960 version.
73, Dick, W1KSZ

To: Old Tube Radios <boatanchors@theporch.com>
Date: Sat, 15 May 1999 21:03:40 -0500
Subject: GDO coils were for M-59
Message-ID: <19990515.210913.-152369.3.MNHopkins@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
From: mnhopkins@juno.com

Several ID'd the GDO coils I posted on as those of a Measurements M-59,
which shows we have a cadre of experts on the arcane. I have offered to
pass them at cost to the first who asked and kept the second's e-mail
too.

I am told the clips on the bottom of the Limed Oak holder allowed the coils to rest in a power box.

de ab5L, michael in dallas, MNHopkins@JUNO.com
Student of Tecraft, ICM and Six Meters' Golden age: 1957-58
Banned for life from QRP-L mailer for various truths.

To: Old Tube Radios <boatanchors@theporch.com>
Date: Sat, 15 May 1999 20:45:43 -0500
Subject: Regen IF/BFO redux
Message-ID: <19990515.210913.-152369.1.MNHopkins@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
From: mnhopkins@juno.com

New soldiers in our trench when I get notes like the one below, but how I love to tell the story.

My sighting:

>> Hallicrafters S-38, no suffix, yes real BFO, very good, \$60 asked,

>

Brought this question:

<Real BFO? What do you mean by that Mike? Is there such a thing as a virtual BFO that I have not heard of?>

Yes, even in Virginia there are virtual VFOs. Back in '46 Hallicrafters brought out the first of the two half mood dial, Raymond Lowey designed S-38s with a real BFO and a panel control that was, if memory serves, a coil with a knob.

But later in the year a model A appeared without the extra tube. It and all subsequent S-38s use a wire that takes some IF energy, feeds it back, and causes a regenerative beat note. Other commonly seen rigs that do this are the SX-140 and Hammarlund's HQ-100, but it was a common strategy in the '30s and a command set will benefit from the treatment as regeneration tends to narrow the passband and build up the signal.

Like so much else we do or have done, it was handed down by Maj. Armstrong to his prophet, Frank Jones, W6AJF, whose regenerative superhet "Supergainer" was an early milestone in home brew rigs.

de ab5L, michael in dallas, MNHopkins@JUNO.com
Student of Tecraft, ICM and Six Meters' Golden age: 1957-58

Banned for life from QRP-L mailer for various truths.

Message-Id: <199905160332.UAA05533@mail-gw5.pacbell.net>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Greed Fests
Date: Sat, 15 May 1999 20:29:12 -0700
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

It's part of our human nature. What we see in others is like looking in a mirror. Who is pure? It's deeds that count, not righteous protestations. Speaking for only me, I would like to read less about the "business" of boatanchoring on this list.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Message-Id: <1.5.4.32.19990516034055.0118ed40@mailhost.vuse.vanderbilt.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 15 May 1999 22:40:55 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: "A.B. Bonds" <ab@vuse.vanderbilt.edu>
Subject: Re: Dallas BA sightings

At 07:34 PM 5/15/99 -0400, you wrote:

>> Hallicrafters S-38, no suffix, yes real BFO, very good, \$60 asked, no
>> answer.

>>

>

>

> Real BFO? What do you mean by that Mike? Is there such a thing as a
>virtual BFO that I have not heard of? I recently added a few more pounds of
>metal to my sinking house in the form of a S-38 (no suffix) in not working
>condition, so am curious. Also don't have a schematic. I found a schematic
>for a S-38 somewhere on the web, but it is not the same model. It only
>shows 5 tubes, this one has 6. Maybe I should look at the drawing and see
>what you might mean about the BFO. Maybe it does not have one at all?

>

Only the S38 (no suffix) had a real BFO, in that it had a gen-you-wine oscillator. That's the other tube. In order to get it down to the general specs of an AA5, the clever Halli engineers kluged the BFO on subsequent units. Basically, it's a feedback loop around an IF transformer. Since the IF is tuned to 455 kc, it oscillates at...455 kc. Ya gotta tune a little off to get the effect. (There is no BFO knob on later models, just a

switch.) Shut it off by grounding the FB cap. Does it work? Well, yes, more or less. Certainly not the worst thing about an S38. You can actually do passable SSB reception with it.

73

A. B. Bonds

Date: Sat, 15 May 1999 22:43:20 -0500 (EST)
From: "Roberta J. Barmore" <rbarmore@indy.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Dayton, "5 Meter Radiotelephony"
Message-ID: <Pine.SUN.4.10.9905152218240.9177-100000@indy1>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi, All!

Made a **very** short day at Dayton due to a sinus/inner ear bug--I'm weak and dizzy and conned the OM into doing at least 80% of the driving.

But I saw a lot of neat stuff--a \$300ish FB-7, a half-moon dial civilian Signal Shifter **with** complete, NIB coil set for \$100 that I'd've taken home if I could've carried it, and spent a pleasant half-hour chatting with Tom Perera. This year, Tom arranged to take delivery of a Vibroplex "Midget" bug (genuinely pocket-sized, but don't try--AFAIK, there's about five of them in the whole world, total) at Dayton. He even let me hold it and fiddle with it--still a usable little bug, despite some wear in the brass-on-steel main bearing. Really a cute key--Mitch at Vibroplex otta still make 'em (but think of the tooling costs!). Alas, I missed Mitch, they set guards on the arena doors and kicked us all out as I was hunting for his booth. Vibroplex **does** have a new semi-auto out, the "Millennium Bug," no less! (I want one!)

Dayton may be sick but it's not dead--saw a **lot** of good junk in the flea market and even indoors. (Dollhouse-sized keys at the G-QRP booth, even). Picked up a National neutralizing condenser for 6L6s, a few knobs & insulators and a decent Cannon "P" connector to send to a certain Briton. ...And thinking of the Union Jack, RSGB had a fine bunch of books; bought "CQ-GTQM Diary of a Maritime Radio Officer" at their booth and I'm already engrossed in it. (Books--ran into a chap who sold me a '31 ARRL HB and then showed off his find: first 15 years of the HB, complete and in good shape!)

Not bad at all--wish I felt well enough to drive back tomorrow, in fact. Where else can you share so much of the good ol' oil and see and touch so many splendid things? ...Even moved the OM, we were looking at a Super-Pro and he asked if Hammarlund was still around. >sigh< ("No, dear--nor Hallicrafters, nor National, nor Heathkit...")

This morning, I picked up 20 copies of the latest reprint, "5 Meter Radiotelephony" (over ten hours work in cleaning up the cover art from my original, blue ink on khaki paper copies poorly and the wide tape on the spine and on the front and back didn't help any, sheesh what a task!) and hauled a few to Dayton hoping to encounter BAs. Only ran into John Goller for sure, maybe others, I was pretty spacey. Did swap "Newcomer" and "5 Meter" to Tom P. for a copy of his book.

If anyone's interested, "5 Meter Radiotelephony" will sell for my cost plus postage--\$7.40 each, add three bucks for Priority Mail, haven't worked out what Book Rate will run.

73,
--Bobbi

KB9GKX "RJ" rbarmore@indy.net Roberta J. (Bobbi) Barmore
FISTS #3388 * G-QRP #10001 * ARRL * RSGB * WIA
Appreciator Of Vacuum-Tube Ham Gear and Vintage Keys

Message-ID: <008301be9f66\$530a0a00\$74fa490c@SandyBlaize>
From: "Sandy Blaize" <ebjr@worldnet.att.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Why hamfests are "dying"
Date: Sun, 16 May 1999 01:24:28 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello all,
Here's my views on that subject:

The BIG thing I have noticed is the politicians and tax collectors sending their lackeys to the fests and demanding their "cut", by shaking down table renters and dealers alike for "sales" tax receipts. Also they have demanded that dealers obtain an "occupational license" and pay fees and taxes for same. This has happened on many occasions and seems to run off a lot of the dealers and the factory reps. every time it happens. Nobody wants to be hassled for dragging their gear to a flea market for a day or two, and having to pay "fees" which might not even be covered by sales.

The first people to go seemed to have been factory people like ICOM, Kenwood, etc. followed by the "parts guys"....those "surplus" dealers that haul what seems like an endless number of bins filled with bargain basement parts of all descriptions. Next, the "government surplus" stuff has dried up. We used to have

tons of old gear coming from Keesler AFB. Lots of old but nice vacuum tube test gear, etc. Our government has decided that this stuff should be scrapped/destroyed rather than sold at low prices to individuals that "would make a profit" by buying and selling this gear the government has decided is obsolete! (An example are KWM-2's, R-390A's "de-militarized" [read vandalized!] and then left outside in the weather by our government bureaucrats!)

Take all this away and what is left in the flea market?
Mostly "computer junk"

(old and outdated, and used hardware), "crafts", CD and "disk" salesmen....and

still a few "local" dealers, plus a few individuals with strong backs and a lot of persistence. Once in a while, IF YOU ARE EARLY, you will find a boatanchor or other "bargain", but you better be EARLY! Three day and two day events have tuned into one day events. Most of the fests in the state I have been to in the last 2-3 years are 1-2 hour events for me. After the initial flurry of activity, there isn't anything of interest to hold you there. (Southern Louisiana and Mississippi)

What individual wants to haul all his "anchors" to the fest for just a morning of activity? It is soooooo much easier to advertise on one of the newsgroups, the reflectors, or (that "dirty" word) eBay! I would MUCH rather sell to an "anchorite" or "Glowbugger" than some profiteer of some stupid yuppie with six tons of money to spend on something he thinks is neat.

So, I think the fests are drying up for all these factors. I wish they wouldn't. I wish I could go and get those small bags of parts and junk that you could only find at hamfests at bargain basement prices. I guess those days are gone forever?

That's my "nickles worth" and your comments/flames are all welcomed.

73,
Sandy W5TVW

End of BOATANCHORS Digest 2545

>From ???@??? Mon May 17 07:03:07 1999
Message-Id: <199905161713.MAA01621@sco.theporch.com>
Date: Sun, 16 May 1999 12:12:42 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2546

BOATANCHORS Digest 2546

Topics covered in this issue include:

- 1) ?? re Meissner 3-tube kit
by Hue Miller <kargokult@proaxis.com>
- 2) Re: ?? re Meissner 3-tube kit
by john <johnmb@mindspring.com>
- 3) foreign bodies
by Morris Odell <morriso@vifp.monash.edu.au>
- 4) Help on Howard 440
by <davidh@getnet.com>
- 5) The W8ZR Dayton Hamvention Awards
by Jim Garland W8ZR <4CX250B@miavx1.acs.muohio.edu>
- 6) Re: Why hamfests are "dying"
by Jerry Proc <jproc@idirect.com>
- 7) Meter wanted
by Tom Boyd <tdb@premier1.net>
- 8) VHF Noise and FS Meter
by Brian.Harris@sv.sc.philips.com (Brian Harris)
- 9) Re: Why hamfests are "dying"
by CARRJJ@aol.com
- 10) Re: foreign bodies
by "Arden Allen" <gumbear@pacbell.net>
- 11) Wanted: NE-2D
by "Arden Allen" <gumbear@pacbell.net>
- 12) Re: Dayton Hamvention - Early Impressions
by Sandra L Knepper <slkst29+@pitt.edu>
- 13) Re: foreign bodies
by John R Bookout K7JB <k7jb@uswest.net>
- 14) Re: Why hamfests are "dying"
by John R Bookout K7JB <k7jb@uswest.net>
- 15) FS: General Radio test equipment
by Brian.Harris@sv.sc.philips.com (Brian Harris)

Message-Id: <3.0.5.32.19990516015350.007ea750@proaxis.com>
Date: Sun, 16 May 1999 01:53:50 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: Hue Miller <kargokult@proaxis.com>
Subject: ?? re Meissner 3-tube kit
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

hello, small set enthusiast-

i have this Meissner kit built, uses 6BJ6 and 2 50B5, one wired as rectifier.

when was this sold?

can someone pop me a schematic? i would pay time + expenses.

yes, i can draw it out if i need to.

and, the coil marked 32 82 has to be 3.2 -8.2 MHz, right?

no volume control. must be fun to use on mw bc band, yes?

adjust your headphone for coupling to ear.

thanks, hue ka7lxy

Message-Id: <3.0.3.32.19990516071723.0078b624@mindspring.com>

Date: Sun, 16 May 1999 07:17:23 -0400

To: Old Tube Radios <boatanchors@theporch.com>

From: john <johnmb@mindspring.com>

Subject: Re: ?? re Meissner 3-tube kit

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Hi Hue,

That would be the "Model 3BK 3 Tube Student Kit... I dont know when it was first released, but it's in my 49 version of Meissner's "how to build" book.

There are some interesting caveats in the text :

"Do not permit set to oscillate any more than in nscessary to locate stations, as this allows radiation of a signal which may cause interference in neighborhood receivers."

and

" Never use the reveiver on or near a grounded metal bench, radiator, sink or other grounded metal objects" (transformerless design)

and the sage advice:

" Do not touch any part of the under-chassis wiring with he line plug is connected"

I'll be happy to shoot you a copy of the sheets, Hue...please send me your address...

73

/John

At 01:53 AM 5/16/99 -0700, Hue Miller wrote:

>
>
>hello, small set enthusiast-
>i have this Meissner kit built, uses 6BJ6 and 2 50B5, one wired
>as rectifier.
>when was this sold?
>can someone pop me a schematic? i would pay time + expenses.
>yes, i can draw it out if i need to.
>and, the coil marked 32 82 has to be 3.2 -8.2 MHz, right?
>no volume control. must be fun to use on mw bc band, yes?
>adjust your headphone for coupling to ear.
>thanks, hue ka7lxy
>
>

+-----
| John Brewer- WB50AU/4
| AMI #24 Vintage Radio Website
| <http://www.mindspring.com/~johnmb/>
+-----

Message-ID: <373EB394.AE11AEB@vifp.monash.edu.au>

Date: Sun, 16 May 1999 22:01:24 +1000

From: Morris Odell <morriso@vifp.monash.edu.au>

MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>

Subject: foreign bodies

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi all,

I have been restoring a Tektronix 549 which had very annoying rattle in it. There seemed to be something in the CRT shield which moved as I turned the 'scope this way and that on the bench. I had been reading my collection of the "Wit & Wisdom of Boatanchors" pertaining to Tek 'scopes and had read Hank van Cleef's comments about loose hardware so I suspected something of the sort.

The HVPS cover was missing and one of the screw holes is quite close to the gap in the CRT shield where the deflection plate leads clip onto pins on the tube neck. I thought the screw might have fallen in and bravely tried tilting the 'scope this way and that to try to get it to fall out - no luck.

Finally I couldn't stand it anymore and gingerly removed the CRT (which is made of a particularly rare isotope of Unobtainium).

The 549 storage CRT has a number of contacts on the side of the flare which connect to fingers inside the tube shield. Some carry several hundred volts. These are in a sort of compartment which I found was isolated from the rest of the tube shield by a plastic baffle. Sure enough, inside this compartment was a loose screw which looked unused and rather tarnished. Now it's very unlikely that screw could have got into the compartment after falling into the CRT shield neck. I think it may have been there since new!!

Hank wrote here once about a 'scope fault caused by a dag of solder left in it since new, and now here's something similar. His advice about careful visual inspections is extremely important - never mind that I couldn't do one in this case, it's the principle that counts. I would have been most upset if that screw eventually shorted some contacts and perhaps damaged that unobtainium CRT.

73 de Morris VK3DOC

Message-Id: <199905161358.IAA22853@sco.theporch.com>
Subject: Help on Howard 440
Date: Sun, 16 May 99 13:58:07 +0000
From: <davidh@getnet.com>
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

I am working on a Howard 440 and seem to be up against a wall. The receiver is functional but I seem to have a problem in the audio section that I can't figure out. Audio is muffled and distorted as you increase the a AF gain and than goes away. Like maybe the tube is being driven into cut-off?? Plenty of signals so I believe the problem is in the audio section. Audio output is a 6V6 driven by a 6Q7. Schematic is very confusing and very difficult to follow (typical 30's schematic) and doesn't seem to totally jive with radio.

Any suggestions

Thanks and 73,

Dave N7RK

Dave N7RK - Webmaster CADXA

Phoenix, Arizona

DXCC Honor Roll

WAZ#23 - 75 Meter SSB

ex-N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK, WN6IWX

Boatanchor Collector Extraordinaire preferring Hallicrafters, National and what ever else looks interesting!

E-Mail: davidh@getnet.com

My Home Page: <http://www.getnet.com/~davidh>

Visit the Central Arizona DX Association Home page - <http://cadxa.org>

Message-Id: <v0310280cb3645ab18a6f@[134.53.65.12]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Sun, 16 May 1999 09:36:10 -0400

To: Old Tube Radios <boatanchors@theporch.com>

From: Jim Garland W8ZR <4CX250B@miavx1.acs.muohio.edu>

Subject: The W8ZR Dayton Hamvention Awards

Cc: COLLINS@LISTSERV.TEMPE.GOV

Hi Gang,

I know you've all been waiting for this. The 1999 W8ZR HAMVENTION AWARD RECIPIENTS are, by category:

1. BEST OUTSIDE INFLUENCE: Mother Nature wins this one, hands down. Cool, crisp cloudless and sunny. I swear I thought I was in San Diego.
2. WORST OUTSIDE INFLUENCE: EBay wins this one, by driving up prices and driving down attendance.
3. WORST SUNBURN: This is a tough call, but the winners are the two blonde teenage girls a few spaces down from me who are going to have a miserable week come Monday morning.
4. EASIEST JOB: The ticket-takers win this one, no question about it. Saturday traffic in the fleamarket was lowest I've seen in years.
5. DUMBEST JOB: The ticket-checkers stationed at the fleamarket entrances into Hara Arena. Someone should tell them that since a ticket is required to get INTO the fleamarket, one can reasonably assume that persons in the fleamarket all have tickets!

6. ANGRIST FLEAMARKET VENDER: This is another tough call, but the award goes to the poor devils who drove twelve hours from New Jersey, paid hundreds of dollars for their fleamarket spaces, but were denied admission into the fleamarket because they arrived ten minutes past the 8 a.m. deadline.

7. AMATEUR GESTAPO AWARD: The winners are the glowering officials who drive little golf carts around the flea market looking for rule-breakers.

8. BUCKPASSING AWARD: The DARA management win this one for blaming every dumb rule change on the fire marshall, their lawyers, their insurance company, etc. "Hey, guys, our hands are tied. Nothing we can do about it." I wonder where the buck stops?

9. MOST CREATIVE NEW PRODUCT: K9LU (<http://www.qth.com/k9lu>) wins this one for his design of the "Bull Dog Iambic Key." Made of two brass buttons, a paper clamp, and three suction cups mounted on a tiny oak base, it not only works but is fully adjustable and has a great feel. It cost twenty bucks, and you get a free headset with it. The Runner Up award goes to ELECRAFT (<http://www.elecrafter.com>) for their slick new ssb/cw HF transceiver kit.

10. BIGGEST PRICE-GOUGER: The winner, for the tenth consecutive year, is . . . Well, I'll give you a hint. They're from Nebraska.

11. MOST HELPFUL LARGE MANUFACTURER: Yaesu wins this category. They flew their top engineers from Japan to the event. I had a technical question about the new FT-100 transceiver. The engineer who led the development team spent ten minutes discussing it with me, and gave me his business card for future reference. Hats off to you, gentlemen.

12. MOST HELPFUL SMALL MANUFACTURER: This is very tough call. Most small manufacturers had great people on hand, who worked very hard and long. However, the award this year goes to S&S Engineering (<http://www.xmetric.com/sseng>), manufacturer of quality QRP transceivers, counters and VFO kits.. The owners always have a nice smile, are eager to please, and are unfailingly friendly. Nice job, folks!

13. BIG-ONE-THAT-GOT-AWAY AWARD: The winner is the Collins 75A4 that sold Thursday night for \$80! So what if it had a few problems. (Guess who's kicking himself for being too slow?)

14. WISHFUL THINKING AWARD: The guy asking \$1400 for a fair-condition 32S1/75S1. Sorry, fella, but not even on EBay. Well, maybe on EBay.

15. BEST PHOTO "BUSINESS CARD:" The winner is W0NKL, who looks mighty happy sitting in front of his KW-1, Viking 500s, and 32V3s. I'd be happy, too!

16. SOREST FEET: The winner this year is . . . yours truly (in my own unbiased opinion).

Stay tuned for next year's special Y2K Hamvention Awards!

73,

Jim Garland W8ZR

Message-ID: <373ED72F.211B5A5E@idirect.com>
Date: Sun, 16 May 1999 10:33:19 -0400
From: Jerry Proc <jproc@idirect.com>
MIME-Version: 1.0
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Why hamfests are "dying"
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
To: Old Tube Radios <boatanchors@theporch.com>

Hi Folks,

Here in Canada, I've noticed that there are many empty tables at hamfests and there is a reason for that.

A new "breed" of purchaser has come on the scene. He buys a table with no intention of selling anything. This also gives him access to the other vendors prior to the doors opening up to the public. Invariably these types scoop up the best deals for themselves leaving what's left to the public. Then they're gone.

I guess there is no point in asking about integrity in cases like this.

--

Regards,
Jerry Proc VE3FAB
jproc@idirect.com

Message-Id: <3.0.6.32.19990516074248.007e0ad0@premier1.net>
Date: Sun, 16 May 1999 07:42:48 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Tom Boyd <tdb@premier1.net>
Subject: Meter wanted
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Looking for a Triplet meter, round case (2 11/16" flange diameter, 2 1/4" case diameter) with white face and directly calibrated 0-100 ma. These aren't too rare - anyone got one they can part with? Thanks!

Tom

Mime-Version: 1.0
Date: Sun, 16 May 1999 10:05:27 -0700
Message-ID: <00337D7E.1914@svlima.sv.sc.philips.com>
From: Brian.Harris@sv.sc.philips.com (Brian Harris)
Subject: VHF Noise and FS Meter
To: Old Tube Radios <boatanchors@theporch.com>
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

I acquired a Measurements Corporation 58AS VHF Noise and Field Strength Meter. As usual, it is sans manual and antenna. I would like to get a copy of the manual and fashion an appropriate antenna. Its range is 15 to 150 mc. Anyone have experience with this animal and/or have a manual? Copy cost and time reimbursed, naturally.

73, Brian

From: CARRJJ@aol.com
Message-ID: <42baceb3.24703c65@aol.com>
Date: Sun, 16 May 1999 11:21:09 EDT
Subject: Re: Why hamfests are "dying"
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

One of the reasons why "government bureaucrats" are not selling surplus materiel on the market, but opt for destruction instead, is your friendly Environmental Protection Agency. The authority responsible for allowing a bit of surplus electronics on the market has to certify that there are no environmentally hazardous materials in the unit. Guess what? Electronic devices tend to contain lead (it's called "solder") and other materials. Because EPA has caused the criminal prosecution of several low-level (GS-12/13) DoD officials for improperly disposing of materiel the rest are quite reasonably scared. Even if the device does not contain hazardous materials, the certification process is too costly for the \$\$\$ realized by the government. Given that they now give awards for efficiency in Govt

agencies, I suspect that a GS-12 that saves \$\$\$ and saves the environment by keeping a mint R-390 off the surplus market would be a hero. I suspect the only solution is legislation that exempts ordinary electronic equipment.

Joe Carr
K4IPV

Message-Id: <199905161535.IAA21838@mail-gw.pacbell.net>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: foreign bodies
Date: Sun, 16 May 1999 08:35:23 -0700
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

D'day Morris and crew;

>Hank wrote here once about a 'scope fault caused by a dag of
> solder left
> in it since new, and now here's something similar. His advice about
> careful visual inspections is extremely important -

A "visual" inspection really entails more than a quick look-see. Poking, prodding, wiggling, pushing, pulling, tweaking, twisting, shaking, thumping, rattling,.....you name it, is what is required to do a proper inspection of a new acquisition. You might call it the "quarantine" stage of the new immigrant boatanchor.

I am presently going through my HP 8708A Frequency Synchronizer. As my inspection progressed the enevitable misguided human intervention was discovered. As I went along unplugging and inspecting each circuit board, I discovered one (thankfully only one) of the circuit boards had been "improved" by a "technique" that drives me raving mad. The twit had applied solder to the edge fingers to "improve" their ability to make contact with the mating connector. Fortunately the mounds were not high and there was no evidence of the connector being damaged. Out came the solder wick and away went the extra solder. A clean-up with acetone and application of contact lubricant and I narrowly avoided another nervous breakdown.

As I go through an equipment, ALL switches and connectors get the clean-and-lube treatment. Intermittent and open contacts are the bane of successful boatanchoring. So are wondering pieces of wire, solder, and miscellaneous hardware, as in Morris' case. All such problems should be eliminated to the extent possible for an ultimately satisfying restoration.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Message-Id: <199905161552.IAA26853@mail-gw.pacbell.net>

From: "Arden Allen" <gumbear@pacbell.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Wanted: NE-2D

Date: Sun, 16 May 1999 08:53:05 -0700

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

BA Luminaries;

Whats an NE-2D? That's a neon bulb mounted in a midget flange base holder. You know, the kind of lamp holder used in aircraft instrument lamps. It also could be an NE-2J. I need it for the illuminated push-on, push-off power switch on my HP 8708A frequency synchronizer. Anyone got a couple of these rare gaseous gems? Thanks.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Date: Sun, 16 May 1999 12:07:28 -0400 (EDT)

From: Sandra L Knepper <slkst29+@pitt.edu>

To: Old Tube Radios <boatanchors@theporch.com>

cc: Old Tube Radios <boatanchors@theporch.com>, COLLINS@LISTSERV.TEMPE.GOV, owner-boatanchors@theporch.com

Subject: Re: Dayton Hamvention - Early Impressions

Message-ID: <Pine.GS0.3.96L.990516115726.10655D-100000@unixs1.cis.pitt.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I do not necessarily concur with Mr. Garland's assessment of this year's Dayton. I feel that 99 percent of the folks that went had a super time. The fire marshall was just enforcing the rules, Jim! In the interests of the general public as far as safety is concerned the rule that no one leaves before the set time just makes good sense. Safety should be the first priority. I would agree that the fleamarket spaces should be well marked.

Incidentally, next year the ARRL Convention will be held in conjunction with the Hamvention. This should encourage more folks to attend. I spoke to an official of the Hamvention and he indicated that the Columbus Fairgrounds were explored for a new site but the facility was determined to be suitable.

I was glad to meet so many of you there and particularly enjoyed sharing

the "stage" with Rod Blocksom, K0DAS, and William Noonan, W6WJN, at the Collins Forum on Friday morning. It was a great forum.

Dave, W3ST

On Fri, 14 May 1999, John R Bookout K7JB wrote:

> Hi Jim:

>

> I have never been to Dayton. I was planning on going next year, but
> from your description I'm not sure I want to! Your analysis of the
> situation leads me to believe that individual sellers should stay away
> from Dayton and sell at smaller marts. Your suggestion of moving it to
> the Ohio State Fairgrounds, in Columbus makes alot of sense. The only
> thing I see standing in the way of accomplishing this is the man power
> and organization to get it done. I am sure if you build a better mart,
> they will come. Especially if the goodies disappear from Dayton and
> start showing up in Columbus.

>

> 73's John

>

> Jim Garland W8ZR wrote:

> >

> > Hi Gang,

> >

> > I'm not able to go to the Hamvention today (will go Sat and Sun), but did
> > stop by Thursday afternoon to pick up my pass, and spent a couple hours in
> > the fleamarket. In the past, I've arrived Friday morning, but it's clear
> > there's lots of action now on Thursdays.

> >

> > About 25% of the spaces were already occupied by 4pm, and there was lots
> > of trading going on. Saw a beautiful RE Collins DL-1 go for \$150, and just
> > missed out on a 75A4 junker for \$75. It was 95% complete, with PTO, meter,
> > all sheet metal, mech filter, etc. Sigh.... Saw some nice boatanchors,
> > including a 1975 KWM-2A with \$2200 asking price, lots of Hammarlunds,
> > Hallicrafters, etc. much of it priced high.

> >

> > Much of the trading seemed to be people scooping up bargains to resell
> > later at higher prices . Everybody was talking about the impact of EBay,
> > and there were lots of rumors about quasi-dealers shopping for items to
> > auction later on EBay

> >

> > Unfortunatley, my overall impression was largely negative, although I'll
> > have a better impression later in the weekend. Some specific observations:

> >

> > 1. The Hamvention was still selling fleamarket spaces on Thursday
> > afternoons, which leads me to believe the demand for spaces has subsided.
> > This is not surprising, given the following:

> >
> > 2. The percentage of dealers in the fleamarket is growing. Since the
> > fleamarket assigns the same space numbers year after year, wandering up
> > and down the aisle gives one a definite sense of deja vu. There are dealer
> > tents everywhere, many apparently selling the same merchandise as the year
> > before.
> >
> > 2. The rules now make it very inconvenient for sellers. You will not be
> > admitted into the fleamarket with your vehicle after 8AM, and once admitted
> > you have stay until the fleamarket closes. This is a major annoyance for
> > persons, like myself, who would would like to leave earlier to drive home
> > or go rest up before dinner. Again, this is a policy change that encourages
> > dealers and discourages individual sellers.
> >
> > 3. A single fleamarket space is not big enough for a car and a selling
> > table, much less a chair. My minivan completely fills one space, and the
> > officials won't let your table extend into the aisle. Two adjacent
> > fleamarket spaces and an admission ticket cost \$131. Once again,
> > individual sellers are discouraged in favor of dealers who are able to buy
> > multiple spaces
> >
> > 4. The blacktopped fleamarket area is very run down. Potholes are
> > everywhere, and the numbers on the spaces are largely illegible. The Hara
> > arena staff are clueless, for the most part, and many seem almost rude.
> > Just try asking one of them for directions.
> >
> > If I look into the future, I see the Hamvention in a gradual state of
> > decline. The parking is inadequate (the shuttle buses discourage shoppers
> > who don't want to lug heavy purchases around), and a combination of
> > policies seems almost deliberately to discourage individuals from
> > participating. With all the dealers, much of the sponteneity of earlier
> > years is gone. I've been going to Dayton for close to thirty years, and
> > I'll give it another try this year. Frankly, however, I have a lot more
> > fun at smaller hamfests.
> >
> > I'd think the Dayton Amateur Radio Association would be well-advised to do
> > some soul-searching about the Hamvention while there's still time. For many
> > reasons, Hara Arena is clearly an unsuitable site. Maybe they could move it
> > to the Ohio State Fairgrounds, in Columbus, about 90 minutes away.
> > Participants would be much happier, transportation is better, the
> > facilities are great, with on-site parking, and there are far better
> > accomodations in the area.
> >
> > 73,
> >
> > Jim Garland W8ZR
>
> --

> Best 73's John
> Amateur Radio K7JB -- Portland Oregon 97229
>

Message-ID: <373EF0DD.A3309362@ptld.uswest.net>
Date: Sun, 16 May 1999 09:22:54 -0700
From: John R Bookout K7JB <k7jb@uswest.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: foreign bodies
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Morris:

Interesting story about the lost screw. I suppose it could have happened at Tek the way you described. However, knowing Tek the way I do, after being assembled, every scope passes through pre-cal where most of the bugs are taken out and the instrument is turned on for the first time, then comes Calibration where the instruments internal controls are set dead on, next comes Quality Control and the Calibration Technicians get there reports back from these guys about how well they did on the instrument. QC people will have an instrument for perhaps 1 to 2 hours and they look at everything! The Cal Techs try their best to find all problems because in those days good reports from QC meant pay raises. So I would be very surprised if your 549 left Tek with the screw in it just rattling around.

The only possibility I can think of the screw didn't make a sound when the 549 was turned over. Also, a missing screw is a no no! A better guess is that it happened in the field. Probably in the users hands who knew how much it cost to have it taken back to Tek for any work and wanted to avoid paying the \$\$ so let it ride!

73's John K7JB

Morris Odell wrote:

>
> Hi all,
>
> I have been restoring a Tektronix 549 which had very annoying rattle in
> it. There seemed to be something in the CRT shield which moved as I
> turned the 'scope this way and that on the bench. I had been reading my
> collection of the "Wit & Wisdom of Boatanchors" pertaining to Tek
> 'scopes and had read Hank van Cleef's comments about loose hardware so I
> suspected something of the sort.

>
> The HVPS cover was missing and one of the screw holes is quite close to
> the gap in the CRT shield where the deflection plate leads clip onto
> pins on the tube neck. I thought the screw might have fallen in and
> bravely tried tilting the 'scope this way and that to try to get it to
> fall out - no luck.
>
> Finally I couldn't stand it anymore and gingerly removed the CRT (which
> is made of a particularly rare isotope of Unobtainium).
>
> The 549 storage CRT has a number of contacts on the side of the flare
> which connect to fingers inside the tube shield. Some carry several
> hundred volts. These are in a sort of compartment which I found was
> isolated from the rest of the tube shield by a plastic baffle. Sure
> enough, inside this compartment was a loose screw which looked unused
> and rather tarnished. Now it's very unlikely that screw could have got
> into the compartment after falling into the CRT shield neck. I think it
> may have been there since new!!
>
> Hank wrote here once about a 'scope fault caused by a dag of solder left
> in it since new, and now here's something similar. His advice about
> careful visual inspections is extremely important - never mind that I
> couldn't do one in this case, it's the principle that counts. I would
> have been most upset if that screw eventually shorted some contacts and
> perhaps damaged that unobtainium CRT.
>
> 73 de Morris VK3DOC

--
Best 73's John
Amateur Radio K7JB -- Portland Oregon 97229

Message-ID: <373EF5E9.F86F6819@ptld.uswest.net>
Date: Sun, 16 May 1999 09:44:25 -0700
From: John R Bookout K7JB <k7jb@uswest.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Why hamfests are "dying"
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Joe:

I liked your comments below and wanted to add another.

Sure makes you wonder!

73's John K7JB

CARRJJ@aol.com wrote:

>
> One of the reasons why "government bureaucrats" are not selling surplus
> materiel on the market, but opt for destruction instead, is your friendly
> Environmental Protection Agency. The authority responsible for allowing a bit
> of surplus electronics on the market has to certify that there are no
> environmentally hazardous materials in the unit. Guess what? Electronic
> devices tend to contain lead (it's called "solder") and other materials.

THIS SOUNDS SO MUCH LIKE THE MINDLESS WHO ARE IN THOSE EPA POSITIONS.
NOW LETS SEE, PERHAPS WE CAN ORDER UP AN R-390A, SIT IT DOWN AT THE
DINNER TABLE AND WE CAN ALL EAT IT TO ARE HEARTS CONTENT. SOLDER AND
ALL!!!

> Because EPA has caused the criminal prosecution of several low-level
> (GS-12/13) DoD officials for improperly disposing of materiel the rest are
> quite reasonably scared. Even if the device does not contain hazardous
> materials, the certification process is too costly for the \$\$\$ realized by
> the government. Given that they now give awards for efficiency in Govt
> agencies, I suspect that a GS-12 that saves \$\$\$ and saves the environment by
> keeping a mint R-390 off the surplus market would be a hero. I suspect the
> only solution is legislation that exempts ordinary electronic equipment.
>
> Joe Carr
> K4IPV

--
Best 73's John
Amateur Radio K7JB -- Portland Oregon 97229

Mime-Version: 1.0
Date: Sun, 16 May 1999 12:08:38 -0700
Message-ID: <00337DEF.1914@svlima.sv.sc.philips.com>
From: Brian.Harris@sv.sc.philips.com (Brian Harris)
Subject: FS: General Radio test equipment
To: Old Tube Radios <boatanchors@theporch.com>
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

Too many generators, not enough room.

For Sale:

General Radio Unit Oscillator 1211-C. This RF generator covers .5 to 50 Mc in two ranges (.5 to 5 and 5-50). Main knob has been cracked but is glued back together.

General Radio Amplitude Regulating Power Supply 1263-A. This supply regulates the RF output level of the above generator (and several other GR oscillators) in a frequency sweeping (or not) setup. Nice condition.

I do not have the GR 1750 required for controlled frequency sweeping nor have I powered either unit up since their separate acquisition.

\$50 for both plus shipping from 75080. I will not separate these items.

73, Brian

End of BOATANCHORS Digest 2546

>From ???@??? Mon May 17 07:03:53 1999
Message-Id: <199905162322.SAA09025@sco.theporch.com>
Date: Sun, 16 May 1999 18:22:27 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2547

BOATANCHORS Digest 2547

Topics covered in this issue include:

- 1) TBS-50 xmtr FREE!
by Brian.Harris@sv.sc.philips.com (Brian Harris)
- 2) FS: vacuum capacitors
by Brian.Harris@sv.sc.philips.com (Brian Harris)
- 3) 500w tx FS
by BEN NOCK <G4BXD@compuserve.com>
- 4) Re: foreign bodies
by "Roberta J. Barmore" <rbarmore@indy.net>
- 5) Free UHF+ stuff
by Brian.Harris@sv.sc.philips.com (Brian Harris)
- 6) Re: Dallas BA sightings
by "Larry Bearse" <lbearse@mail1.nai.net>
- 7) Millen Variarm Needs Ride to Rochester NY Area
by "Christopher A. Bowne" <radiobwn@riconnect.com>
- 8) fs: URM-25F Signal Generator
by JONWEINER@aol.com

- 9) A Quest
by Jderm740@aol.com
- 10) Harvey UHX-10 Transmitter, Model 39
by "Richard Brunner" <rbrunner@gis.net>
- 11) Sweep Alignment
by "Richard Brunner" <rbrunner@gis.net>
- 12) Re: Why hamfests are "dying"
by John Shriver <jas@shiva.com>
- 13)
by "Spencer Petri" <wa5jci@flash.net>
- 14) Re: The W8ZR Dayton Hamvention Awards
by "John Dilks, K2TQN" <oldradio@worldnet.att.net>
- 15) Tek high voltage transformer
by Morris Odell <morriso@vifp.monash.edu.au>
- 16) Re: Why hamfests are "dying"
by Dave Jordan <wa3gin@erols.com>
- 17) Re: Sweep Alignment
by Morris Odell <morriso@vifp.monash.edu.au>
- 18) FS: Millen 92200 Trans-Match
by "Richard W. Solomon" <w1kszt@tiac.net>
- 19) FS: 75A(2-3) SSB Detector
by "Richard W. Solomon" <w1kszt@tiac.net>
- 20) T4XB and R4B Question
by George T Folse III <kb5ww@bellsouth.net>
- 21) [R-390] Novel Product Detector Mod
by David Medley <davemed@uswest.net>
- 22) Re: The W8ZR Dayton Hamvention Awards
by Sandra L Knepper <slkst29+@pitt.edu>
- 23) Dayton
by "James D. Mayfield" <kb9bnr@revealed.net>
- 24) BC-721 NAMEPLATES
by "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>

Mime-Version: 1.0
Date: Sun, 16 May 1999 12:26:58 -0700
Message-ID: <00337DFF.1914@svlima.sv.sc.philips.com>
From: Brian.Harris@sv.sc.philips.com (Brian Harris)
Subject: TBS-50 xmtr FREE!
To: Old Tube Radios <boatanchors@theporch.com>
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

Yours ***FREE*** for shipping, one Harvey-Wells TBS-50D transmitter. Well, it used to be a 'D' until I removed the audio amp. It's also missing the drive pot and the tubes. The front panel and cabinet paint are almost non-existent due to rust. With some wire brush work, a can of spray paint and some press-on

lettering, it will make a fine looking transmitter once again. Power supply NOT included.

73, Brian Harris WA5UEK in Plano, Texas 75075

)

Mime-Version: 1.0
Date: Sun, 16 May 1999 12:36:47 -0700
Message-ID: <00337E0C.1914@svlima.sv.sc.philips.com>
From: Brian.Harris@sv.sc.philips.com (Brian Harris)
Subject: FS: vacuum capacitors
To: Old Tube Radios <boatanchors@theporch.com>
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

For sale:

Two VC-50 vacuum capacitors (50 pf @ 20 KV test voltage) by Industrial and Commercial Electronics of Belmont, California. These will fit in a BC-610.

\$20 each shipped postage paid within USA.

Brian

Date: Sun, 16 May 1999 13:40:58 -0400
From: BEN NOCK <G4BXD@compuserve.com>
Subject: 500w tx FS
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <199905161341_MC2-75DE-7CB@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

I have a Mk 214 Embassy Transmitter, driver and pa assembly. =

xtal controlled, cw, fsk, or am (with external modulator)
500w o/p, continuous rating, 1.5 to 26 MHz, driver has its
own ac psu, pa needs 2kv. PA uses plug in coils, full set supplied,
driver valved, pa excludes 2 x 813

150.00 Pound sterling

Ben.
106312.1035@compuserve.com

Date: Sun, 16 May 1999 12:45:49 -0500 (EST)
From: "Roberta J. Barmore" <rbarmore@indy.net>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: foreign bodies
Message-ID: <Pine.SUN.4.10.9905161232460.1293-100000@indy1>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Amen, Arden, Amen!

It cannot be said loudly enough: lead/tin alloy is a **far** poorer conductor than gold, and had corrosion problems that gold does not!

If a gold-plated connector--especially the edge type--is suspect, clean it **gently** and if that doesn't fix it, replace the female connector! ...That's usually the "springy" side and once the springs have sprung, there's rarely any other fix but replacement. (Nearly any connector can be replaced entire or a good replacement made up from the **wide** variety of connectorage now available. A good scrounger can come up with an amazing lot of stuff from just a nice stack of catalogs!)

Silver contact surfaces can become tarnished but are easily cleaned; once cleaned and connected--if the connector makes gas-tight contact as it is supposed to--they'll stay good for a long time. Nickel, plain brass, etc., simple cleaning will do. (Mild **black** silver tarnish isn't a big deal, silver oxide is a pretty good conductor. Orange, brown, or yellowish tarnish on silver **is** bad, various sulphur & etc. compounds that don't carry juice well).

In severe cases, the little replating kits can be useful. But NOT solder! Tinning contact surfaces with solder is a wicked thing to do, excuseable only if you are in the middle of the ocean and **must** get tfc through or some similar bind.

73,
--Bobbi

KB9GKX "RJ" rbarmore@indy.net Roberta J. (Bobbi) Barmore
FISTS #3388 * G-QRP #10001 * ARRL * RSGB * WIA
Appreciator Of Vacuum-Tube Ham Gear and Vintage Keys

Mime-Version: 1.0
Date: Sun, 16 May 1999 12:52:16 -0700

Message-ID: <00337E1D.1914@svlima.sv.sc.philips.com>
From: Brian.Harris@sv.sc.philips.com (Brian Harris)
Subject: Free UHF+ stuff
To: Old Tube Radios <boatanchors@theporch.com>
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

My mother told me the CAVITIES were not good so I am trying to rid myself of them.

Free for shipping from 75080 are two microwave assemblies with four beautiful cavities. These things came out of a 4 Gc (or thereabouts) microwave station. Two cavities have 2C43's, a third has a 6771 and the fourth I don't know. These units are by Raytheon. One cavity is marked 500 Mc, don't know about the rest.

Please don't make me scrap these for parts I don't need!

73, Brian

Message-Id: <199905161806.0AA28222@mail1.javanet.com>
From: "Larry Bearse" <lbearse@mail1.nai.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Dallas BA sightings
Date: Sun, 16 May 1999 14:08:01 -0400
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Thanks for all the responses, I have heard of regen IF's but it didn't dawn on me that the S-38 might have it. Seems like a regen IF might be a good thing, given that it could narrow up the bandpass. A real, adjustable BFO would seem to be the way to go with a receiver in the S-38 class. On the other hand, it would be used mostly for AM reception anyway, at least in my case. I guess the "heterodyne detector" in the NC-300 is just a step above on the Mickey-Mouse scale for SSB/CW detection. Is there a decent fix or mod for the NC-300 detector, other than dropping the value of the coupling cap between the IF and the detector? That does work, but it drops the audio output. For that matter does anyone know of a depository of NC-300 fixes and mods? Another one jumped into my truck at the Rainchester hamfest last weekend, it looks like it needs some TLC.

Thanks.....Larry WA1LGQ

Message-ID: <01BE9FA7.0DDA07A0@mys17.riconnect.com>
From: "Christopher A. Bowne" <radiobwn@riconnect.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Millen Variarm Needs Ride to Rochester NY Area
Date: Sun, 16 May 1999 14:18:58 -0400

If there is anyone in New England planning on attending the upcoming Rochester NY hamfest - please get in touch with me. I have a Millen 90711 Variarm VF0/Exciter (the one with the slide rule dial) that I want to donate to the AWA Musuem for use with the Millen transmitter, and am looking for someone to take it out that way, and drop it off at Holcomb, or with someone from AWA at the fest. I am in SE CT, just off I-95. I would prefer to have it hand carried rather than risk damage in shipping.

Thanks,
Chris, AJ1G
Stonington, CT
radiobwn@riconnect.com

From: JONWEINER@aol.com
Message-ID: <b6819e4a.24706ad9@aol.com>
Date: Sun, 16 May 1999 14:39:21 EDT
Subject: fs: URM-25F Signal Generator
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I have for sale a URM-25F signal generator, complete with the rare cover and copy of the operating and service manual. This is the updated generator that tunes down to 10Khz, perfect for aligning those IF's in Hallicrafters and Hammarlund equipment. In very good condition, with the usual military markings on the outer case. Price \$150., plus shipping.

Jon, K1VVC

From: Jderm740@aol.com
Message-ID: <d452bbb3.247071e5@aol.com>
Date: Sun, 16 May 1999 15:09:25 EDT
Subject: A Quest
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

As you can see I have been reading "Prince Valiant" for too many years. But a

quest nevertheless.

I just finished a 2000mi trip and in the course of these meanderings I picked-up an RBA and an RBB plus P/S. I have a manual for the RBA but need one for the RBB.

Anybody got one they would like to sell or copy for me? I'll pay price or costs. I may also sell the RBA after I check it out. If it's better than the one I have, I'll sell the first one. Although my first one has been modified by the Gummint to reach 10kc, rather than the 15kc that was normal. I also now have two P/Ss.

Jack Jderm740@aol.com

Message-ID: <004b01be9fd1\$be6abcc0\$323029d8@blah>

From: "Richard Brunner" <rbrunner@gis.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Harvey UHX-10 Transmitter, Model 39

Date: Sun, 16 May 1999 15:09:21 -0400

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Does anyone have a clue where I might find an instruction book / schematic? This a good-looking set with 6L6 osc, 6L6 amp, pr 6N7s in the modulator. Good for 1.6 - 60 Mcs. Yes, I can trace it - its a simple set, but it would be nice to have some paper.

Richard Brunner, AA1P, rbrunner@gis.net

Message-ID: <004c01be9fd1\$bf2aff80\$323029d8@blah>

From: "Richard Brunner" <rbrunner@gis.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Sweep Alignment

Date: Sun, 16 May 1999 15:22:26 -0400

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Herrn;

At the risk of exposing my ignorance, what is the proper way to do sweep alignment? For vertical feed to the 'scope, does one use a probe (with rectifier) to a dc amplified 'scope, or do you modulate (say at 400 cycles) the sweep generator and use receiver output without AGC to an ac amplified 'scope? For a narrow sweep, I see potential problems due to multiple sidebands. Accept the challenge; enlighten my ignorance!

TNX (No-one knows everything. I only claim to know every other thing.)
Richard Brunner, AA1P, rbrunner@gis.net

Date: Sun, 16 May 1999 16:19:42 -0400
Message-Id: <199905162019.QAA11895@brill.shiva.com>
From: John Shriver <jas@shiva.com>
To: Old Tube Radios <boatanchors@theporch.com>
CC: boatanchors@theporch.com
Subject: Re: Why hamfests are "dying"

I looked at the catalogs for some of the DoD DRMO auctions. Every tube was marked as "radioactive", and the buyer had to certify that they would properly dispose of any hazardous materials.

No, they are not totally insane. Thorium is mildly radioactive. But only some tubes have thoriated filaments. Also, some voltage regulator tubes are radioactive so they will start in the dark. They (DoD) have just blanketed tubes as "radioactive" because some are.

Mind you, none of these tubes are considered any hazard to break in small quantities.

Message-ID: <018601be9fde\$182cd520\$e8271ed1@default>
From: "Spencer Petri" <wa5jci@flash.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "BASwap" <baswaplist@foothill.net>, "BA2" <boatanchors@listserv.tempe.gov>
Subject:
Date: Sun, 16 May 1999 15:53:03 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Greetings,

I finally got around to taking a look at the impedance bridge I bought at the Belton hamfest. After de0xiting the Amp on/off switch the unit came to life. Had to replace one 12AX7. Looks like it might play but I'm in dire need of a copy of the manual. To many knobs and switches on it for me to operate without instructions.

BECO
Model 250-C1
Impedance Bridge

Made by Brown Electro-Measurement Corp., Portland, Oregon.

Thanks,

es 73 de Pete WA5JCI

6 meter VUCC # 361

2 meter VUCC # 346

Message-ID: <373F2B90.21EF@worldnet.att.net>
Date: Sun, 16 May 1999 16:33:20 -0400
From: "John Dilks, K2TQN" <oldradio@worldnet.att.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>, COLLINS@LISTSERV.TEMPE.GOV
Subject: Re: The W8ZR Dayton Hamvention Awards
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim Garland W8ZR wrote:

-----snip-----
> 6. ANGRIST FLEAMARKET VENDER: This is another tough call, but the award
> goes to the poor devils who drove twelve hours from New Jersey, paid
> hundreds of dollars for their fleamarket spaces, but were denied admission
> into the fleamarket because they arrived ten minutes past the 8
> a.m.deadline.
-----snip-----

Jim and all,

This must be new -or- they decide to enforce an old rule.

Last year I was helping my buddy with a spot just inside the tent at the corner of the fleamarket, where I could see the gate very well. Cars were coming in up to 10 or 11 a.m. every day. (I thought it was stupid though, to let them in, as there were far too many shoppers in the aisles.) But I really feel sorry for the NJ guy (and others caught in the mess.)

I found the crew that runs this (the ones I dealt with this year) were totally incompetent (to be polite). Their answer for every lie I caught them in was, "We're volunteers you know. We have jobs and family responsibilities too."

To that I say - Please - next year - don't be a volunteer.

--

73' John Dilks, K2TQN

Webmaster for Antique Wireless Information ** New **

<http://www.eht.com/oldradio/awa>

--and--

for the New Jersey Antique Radio Club

<http://www.eht.com/oldradio>

Please visit my OldRadio Museum

<http://www.eht.com/oldradio/museum>

-

Message-ID: <373F406F.825FCAD8@vifp.monash.edu.au>

Date: Mon, 17 May 1999 08:02:23 +1000

From: Morris Odell <morriso@vifp.monash.edu.au>

MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Tek high voltage transformer

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi Arden and the group,

> Any luck on obtaining a new HT tranny? I was wondering, I have two
> transformers from 503's that suffered the same fate. I wonder what it
> would take to dissolve (or otherwise remove) the potting compound so that
> the core could be re-wound. Any ideas?

I should have written about that on the list earlier I suppose. I did manage to de-pot the 549 HT transformer by soaking it in organic solvents. First I tried xylene which stank abominably but was gentle on the plastic. It softened it and allowed careful scraping as I wasn't quite sure what was underneath. Once I could see the winding this was followed by acetone which really scoured the stuff off (and did a job on the plastic insulation of the connector wires too in the process).

The result? A clean looking transformer which failed dismally. No matter how well the nasty brown stuff was removed from outside the winding, there was still a lot of it inside and that's what was doing the damage. In fact the solvents seemed to degrade it still further dielectrically speaking.

The only solution was to remove the winding (using what was euphemistically known in 19th century obstetrics as "destructive techniques") to reveal the core. It seems that Tek used a common ferrite core for quite a few of its 'scopes. This is a double E with a gapped

octagonal section centre leg. It's glued together at the outer rectangular section legs. I found that GENTLE microwaving - 5 seconds at a time on medium - gradually heated the core to the point where the glue softened and it could be wrenched apart using oven mitts. It probably needs to get to over 100C. If you heat it up too quickly it may split - not a disaster but messy to repair with superglue.

I'm having it rewound by a fellow enthusiast in Sydney who has successfully repaired his own 549. In the US I believe, a fellow called Bill Schell who is referred to by Stan Griffiths in his book offers a similar service.

I'll report further on the rewind once I get it.

Cheers,

Morris VK3DOC

>
> Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Message-ID: <373F430D.EED4A891@erols.com>
Date: Sun, 16 May 1999 18:13:33 -0400
From: Dave Jordan <wa3gin@erols.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Why hamfests are "dying"
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Uncle was crushing equipment long before the EPA...it also has to do with technology being made accessible to other countries, etc. There are plenty of good ideas out there that got turned into dumb and even stupid rules that the GS 12s have to live by...don't expect any changes in your lifetime!

HAVE FUN,
dave

=====

CARRJJ@aol.com wrote:

> One of the reasons why "government bureaucrats" are not selling surplus
> materiel on the market, but opt for destruction instead, is your friendly

> Environmental Protection Agency....

Message-ID: <373F4403.9D5AC278@vifp.monash.edu.au>
Date: Mon, 17 May 1999 08:17:39 +1000
From: Morris Odell <morriso@vifp.monash.edu.au>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Sweep Alignment
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all,

Richard Brunner wrote:

> At the risk of exposing my ignorance, what is the proper way to do sweep
> alignment? For vertical feed to the 'scope, does one use a probe (with
> rectifier) to a dc amplified 'scope

I think the best way is the one which imposes the least opportunities for interference to the response by test setup. For this reason I look at the IF envelope directly using a 10:1 probe into the 'scope. Of course, you need a scope that can at least respond to the IF frequency but doesn't have to be able to trigger on it. For IFs up to 5 MHz or so this shouldn't be a problem even with comparatively cheap 'scopes.

If your 'scope can't display the RF envelope, or you don't like looking at a symmetrical RF envelope, then a detector is the next best method. The ARRL handbook has shown a suitable RF probe using a Ge diode for as long as I can remember. Alternatively there are nice little coaxial detectors usually available at hamfests etc.

>, or do you modulate (say at 400 cycles)
> the sweep generator and use receiver output without AGC to an ac amplified
> 'scope? For a narrow sweep, I see potential problems due to multiple
> sidebands.

You could probably get away with this using a VERY slow sweep, but there may be all sorts of nonlinearities introduced by the audio stages. There's also the sideband problem you mention. I'd avoid it.

BTW the AGC should always be off if you're sweeping a receiver - you don't want it working to iron out the response curve you are trying to observe!

73 de Morris VK3DOC

Message-ID: <01BE9FC8.EB037320.w1kszt@tiac.net>
From: "Richard W. Solomon" <w1kszt@tiac.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS: Millen 92200 Trans-Match
Date: Sun, 16 May 1999 18:19:41 -0400
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

This is the KW version (means big !!) with the reflected power meter.
\$125 plus UPS from 02421.
73, Dick, W1KSZ

Message-ID: <01BE9FC8.ED2BD160.w1kszt@tiac.net>
From: "Richard W. Solomon" <w1kszt@tiac.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS: 75A(2-3) SSB Detector
Date: Sun, 16 May 1999 18:21:24 -0400
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Plugs into the NBFM adapter socket, uses 6C4. Thought it was
Collins made it looks so nice. with schematic, \$25 shipped CONUS.
73, Dick, W1KSZ

Message-ID: <373F4BF3.5998@bellsouth.net>
Date: Sun, 16 May 1999 17:51:31 -0500
From: George T Folse III <kb5www@bellsouth.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: boatanchors@listserv.tempe.gov
Subject: T4XB and R4B Question
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

All,

I am having a problem with my Drake Twins. When I operate them in the
Transceive mode either using the tx VFO ,or the rec VFO it does not tx
and rec on the same freq. Is this a common problem,or am I doing
something wrong?

Thanks,
George

Message-Id: <4.1.19990516151817.00961100@pop.tcsn.uswest.net>

Date: Sun, 16 May 1999 15:49:20 -0700

To: Old Tube Radios <boatanchors@theporch.com>

From: David Medley <davemed@uswest.net>

Subject: [R-390] Novel Product Detector Mod

Cc: boatanchors@theporch.com

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

For the last several days I have been working on a Motorola R-390 (Non A). On arrival the radio worked so poorly it was deemed non operational. In spite of this it was sparkling clean with all covers. Probably the cleanest R-390 I have ever seen. On closer inspection it showed signs of mods (PHOOEY!!). Naturally there was no documentation. The main reason why it was silent was a mod in the audio deck which had failed. This involved an IC on a pc board with sundry components and a dc power supply. The purpose of all this was beyond by ken so I just replaced the audio sub assembly. Radio comes alive and works on all bands below 8 MHz (unusual). This was fixed when I dismantled the RF deck and cleaned all the RF contacts. All this is routine but when I came to the IF deck found two surprises. The first was no ballast tube. Nor was there any dropping resistor or jumper in the 3TF7 socket. The tube in the BFO socket was a 6BE6. Aha product detector mod.

I can't see what has happened to the BFO/PTO heater circuits but they must have been rerouted to the 12v bus someplace. Now I notice a relay with multiple poles wired in there. There are no extra cables anywhere. Operating the BFO ON-OFF switch actuates the relay. This seems to me to be a very ingenious way to add the product detector without the multiple cabling and switching mods required in the Captain Lee system. Replacing the IF deck with an unmodified one works fine so there are no cabling mods or additions. It would also appear that there have been some changes to the AGC system. The radio works superbly on SSB now. I just finished listening to the CCA net on 20 meters. On the 2KHz filter and slow AGC the performance is entirely different to the regular R-390 or R-390A for that matter.

I wonder if anyone out there knows anything about these mods and if so are they documented anywhere. This seems to me to be a significant discovery, at least for me. I have debated with myself for years how to improve the SSB performance but have been daunted by the need for major cabling and switching work which is non reversible. I have one IF deck here with the Capt Lee mods but it doesn't work worth a darn and I have given up trying to figure out how to fix it.

I look forward to hearing from anyone out there with any information and/or comments on this.

Regards

David Medley KI6QE/7

1020 West Oleta Drive

Tucson AZ 85704

Source of R390/390A hard to find parts. Check my Web Page at:
<<<http://home.att.net/~davemed>><http://home.att.net/~davemed>>

Date: Sun, 16 May 1999 19:00:50 -0400 (EDT)
From: Sandra L Knepper <slkst29+@pitt.edu>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>, COLLINS@LISTSERV.TEMPE.GOV,
owner-boatanchors@theporch.com
Subject: Re: The W8ZR Dayton Hamvention Awards
Message-ID: <Pine.GS0.3.96L.990516185931.25115C-100000@unixs4.cis.pitt.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

John, in all fairness, I wonder if anyone of us could do a better, more challenging job than the guys and gals that run the Hamvention. Let's be more positive. You are right, however, it is down right dangerous to let cars run through the fleamarket when there are kids, seniors, and PEOPLE.

Dave, W3ST

On Sun, 16 May 1999, John Dilks, K2TQN wrote:

> Jim Garland W8ZR wrote:
> -----snip-----
> > 6. ANGRUEST FLEAMARKET VENDER: This is another tough call, but the award
> > goes to the poor devils who drove twelve hours from New Jersey, paid
> > hundreds of dollars for their fleamarket spaces, but were denied admission
> > into the fleamarket because they arrived ten minutes past the 8
> > a.m.deadline.
> -----snip-----
>
> Jim and all,
>
> This must be new -or- they decide to enforce an old rule.
>
> Last year I was helping my buddy with a spot just inside the tent at
> the corner of the fleamarket, where I could see the gate very well.
> Cars were coming in up to 10 or 11 a.m. every day. (I thought it was
> stupid though, to let them in, as there were far too many shoppers in
> the aisles.) But I really feel sorry for the NJ guy (and others caught
> in the mess.)
>
> I found the crew that runs this (the ones I dealt with this year)
> were totally incompetent (to be polite). Their answer for every lie I
> caught them in was, "We're volunteers you know. We have jobs and family

> responsibilities too."
>
> To that I say - Please - next year - don't be a volunteer.
>
> --
> 73' John Dilks, K2TQN
>
> Webmaster for Antique Wireless Information ** New **
> <http://www.eht.com/oldradio/awa>
> -=and=-
> for the New Jersey Antique Radio Club
> <http://www.eht.com/oldradio>
>
> Please visit my OldRadio Museum
> <http://www.eht.com/oldradio/museum>
> -
>

Message-Id: <3.0.32.19990513070107.006bbf30@revealed.net>
Date: Sun, 16 May 1999 18:02:16 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: "James D. Mayfield" <kb9bnr@revealed.net>
Subject: Dayton
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The Banquet ticket to the Joe Walsh concert has been sold. My thanks to the several smart ass's that pointed out to me that his name is Joe, not Joel. Big deal, Like I give a damm..

Sent before...

I have a friend that can not make it to Dayton, I bought his ticket from him, but he still has a \$40.00 Banquet dinner/Joel Walsh concert ticket. If your interested in it, it's yours for \$30.00, we can meet Friday in the Flea market. If interested please respond ASAP, I am leaving Thursday at 4pm CDT from EN41, you could call me at my office from 10am CDT to 4pm, except at lunch 12noon to 10pm.

By the way Joel Walsh is a Collins man, now I am on topic.

309-762-6010

Dave Mayfield KB9BNR

Personal Web Page
<http://home.revealed.net/qste/bnr/index.html>

Date: Sun, 16 May 1999 19:21:28 -0400
From: "ROBERT W. DOWNS" <RWDDowns_WA5CAB@compuserve.com>
Subject: BC-721 NAMEPLATES
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <199905161921_MC2-75E9-99F2@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Group,

Several of you were waiting more or less patiently for me to get the reproduction BC-721 nameplates that I had ordered several months ago. They arrived about two weeks ago but then I got laid off from a job I had held for nearly 30 years and events interfered.

Anyway, the tags are here. They are aluminum (the only place we could find that would still do them in plastic wanted three prices) and were copied from valid originals. To the best of our knowledge (Steve B and mine), there were only two contracts, one for the BC-721-A and one for the BC-721-B. So we had the tags made complete except for the serial number, which is blank. Price is \$12.00 each plus shipping. This is higher than the \$9.00 I get for the generic BC-611 tags because we didn't have as many made and had to pay the setup charge for each tag. I think that they turned out quite nice. The first one went onto my BC-721-B, which is now complete.

73,
Robert Downs
WA5CAB
Houston

End of BOATANCHORS Digest 2547
